|          | Index of Claims |  |           |          |          |           |                           |    |            |          |          |          | A               | Application/Control No. |                 |              |          |          |         |            |             |            |                  | Applicant(s)/Patent under Reexamination |     |          |               |          |         |    |
|----------|-----------------|--|-----------|----------|----------|-----------|---------------------------|----|------------|----------|----------|----------|-----------------|-------------------------|-----------------|--------------|----------|----------|---------|------------|-------------|------------|------------------|---|-----|----------|---------------|----------|---------|----|
|          |                 |  |           |          |          |           |                           |    |            |          |          |          |                 | 1                       | 10/621,802      |              |          |          |         |            |             |            |                  | HAINES ET AL.                           |     |          |               |          |         |    |
|          |                 |  |           |          |          |           |                           |    |            |          |          |          |                 |                         | xan             |              |          |          |         |            |             |            |                  | Art                                     |     |          |               |          |         |    |
|          |                 | . BIDD ELDEN BRIEF BUILD HIRRY LOUIS BEFEREIN BETTE HIR 1889<br> |           |          |          |           |                           |    |            |          |          |          |                 |                         | Zohreh A. Fay   |              |          |          |         |            |             |            |                  | 1618                                    |     |          |               |          |         |    |
|          |                 | √ Rejected   |           |          |          |           | (Through numer Cancelled) |    |            |          | eral)    | N        |                 |                         | No              | n-E          | -Elected |          |         | A          | Appeal      |            |                  |   |     |          |               |          |         |    |
|          |                 | =  | = Allowed |          |          |           | ÷                         |    | Restricted |          |          |          |                 |                         | 1               | Interferenc  |          |          | nce     | <b>;</b> е |             | Objected   |                  |   |     |          |               |          |         |    |
| Clai     | im              | Date   |           |          |          |           |                           |    | _          | C        | Claim    |          |                 |                         | Date            | <del>-</del> |          |          | <br>] [ | CI         | aim         | <br>       | ) Date           |   |     | ר        |               |          |         |    |
|          |                 | <i>9वदा</i> प्त  | -         |          | Π        | Τ         | T                         |    |            | П        |          | T        | ष               | П                       |                 |              |          | Т        |         | 1          |             | Γ          | 3                |   |     | П        |               |          |         | 1  |
| Final    | Original        | אַן  |           |          |          |           |                           |    |            |          | Final    | Original | 94E15           |                         |                 |              |          |          |         |            | Final       | Original   | 12               |   |     |          |               | -        |         |    |
| ፰        | Ę,              | 듸  |           |          |          |           |                           |    | ŀ          | 1        | iĒ       | Ĕ        | 14              |                         |                 |              |          |          |         | 1          | ιΞ          | [ 漢        | 5                | -                                       |     | Ш        |               |          |         |    |
| _        |                 | 밁  |           | _        | _        | ┸         | _                         | 1  | ↓_         | Щ        |          | 1        | 121             |                         | Ш               | _            | _        |          |         | 4          |             |            | П                | $\bot$                                  | ـ   | Ш        | $\perp$       |          |         | _  |
| _        | 1               | š  |           | L        | ↓_       | ╀         | ╀-                        | ╄  | ⊢          | Н        | $\vdash$ | 51       | 2               | -                       | Ш               | _            | $\dashv$ | +        | _       | 4          | <u> </u>    | 101        | 듸                | _                                       | ╄   | Н        | Н             | 4        | $\bot$  | 4  |
|          | 2               | Ш  |           | ⊢        | 1        | +         | +                         | +  | ╁          | Н        | -        | 52       | $\mathbf{H}$    | -                       | Н               | $\dashv$     | $\dashv$ | -        |         | ┥          | -           | 102<br>103 | H                | -                                       | ╀   | Н        | $\vdash$      | -        | +       | 4  |
| $\dashv$ | 3               | Н  |           | Ͱ        | ╀        | ╁         | ╁                         | ╁  | ╁          | Н        | -        | 53<br>54 | ╢               | +                       | $\vdash$        |              | $\dashv$ | -        |         | ┨          | ├           | 103        | ₩                | +                                       | ╁   | Н        |               | +        | +       | -{ |
| $\dashv$ | 5               | Н  | _         | ┢        | ╂        | ╁         | ╁                         | ╫  | ╁╌         | H        | -        | 55       | <del>    </del> | +                       | ╌┤              | $\dashv$     | -        | +        | +       | $\dashv$   | <del></del> | 105        | 2                |   | ╀╌  | ╁╌┤      | $\vdash$      | -+       | +       | ┨  |
| -+       | 6               | ş  | _         | ╁        | ╁        | ╁         | ╁                         | ╁  | ╁╌         | Н        | -        | 56       | ╁╫              | +                       | Н               | $\dashv$     | $\dashv$ | +        | ╅       | 4          | -           | 106        | 3                | +                                       | ╁   | Н        | $\vdash$      | $\dashv$ | +       | ┥  |
| ┪        | 7               | 1  | _         | ┢        | +        | +         | ╁                         | +  | $\vdash$   | Н        | -        | 57       | ╁╫              | +-                      | Н               | $\dashv$     | $\dashv$ | +        | +       | 1          | -           | 107        | <del>     </del> |   | 十   | $\vdash$ | $\dashv$      | 十        | +-      | ┥  |
| $\dashv$ | 8               | 9  |           | H        | t        | T         | T                         | T  | $\vdash$   | П        | <b>—</b> | 58       | H               | +                       | П               | 寸            | $\dashv$ | $\top$   | $\top$  | 1          |             | 108        | 11               | _                                       | +-  | Н        | $\Box$        | -        | +       | 1  |
| $\neg$   | 9               | ٦  |           | ✝        | Т        | T         | $\top$                    | T  | $\vdash$   | П        |          | 59       |                 | $\top$                  | П               | ヿ            | ╛        | 十        | 十       | 1          |             | 109        | П                | 十                                       | T   | П        | $\Box$        | $\neg$   | 十       | 1  |
| $\Box$   | 10              | Ш  |           | Г        | Τ        | T         |                           | T  |            |          |          | 60       |                 |                         |                 |              |          |          |         | 1          |             | 110        |                  |   | 1   | П        |               |          |         | 1  |
| $\Box$   | 11              | П  |           |          |          | L         | $oxed{\Box}$              |    |            |          |          | 61       |                 |                         |                 | $\Box$       | $\Box$   | $\Box$   |         | ]          |             | 111        |                  |   |     | $\Box$   | $\Box$        | $\Box$   | $\perp$ | ]  |
| $\dashv$ | 12              | Ш  | _         | _        | 上        | L         |                           | 1_ | _          | Ш        |          | 62       | Ш               |                         | Ш               | _            | _        | _        |         | _          |             | 112        | Ш                |   | _   | Ш        | $\sqcup$      | $\perp$  |         | _  |
| _        | 13              | Ш  |           | ļ        | ↓_       | ╂         | 4_                        | ╄  | -          | Ш        |          | 63       | Ш               | $\perp$                 | Ш               | _            | 4        | 4        | _       | 4          | <u> </u>    | 113        | Ш                | _                                       | ↓_  | Ш        | $\dashv$      | $\dashv$ | $\bot$  | 4  |
|          | 14              | Ш  |           | ⊢        | ╄        | +         | 4                         | ╄  | ⊢          | $\sqcup$ | <u> </u> | 64       | ╀╫              | -                       | $\vdash$        | _            | $\dashv$ | +        | -       | 4          | <u> </u>    | 114        | $\sqcup$         | +                                       | ╄   | Н        | $\dashv$      | $\dashv$ | +       | 4  |
| $\dashv$ | 15<br>16        | -  | _         | -        | ╀        | ╀         | +-                        | ╀  | ┼          | H        | <b>—</b> | 65<br>66 | ╀               | +-                      | H               |              |          | +        | +       | ┨          | <u> </u>    | 115<br>116 | ┝╌┩              | -                                       | ╁   | Н        | $\dashv$      | +        | +       | 4  |
| $\dashv$ | 17              | Н  |           | ⊢        | ╀        | +-        | ╁                         | ╁  | $\vdash$   | H        | -        | 67       | ╁╫              | +                       | Н               | $\dashv$     | $\dashv$ | +        | +       | ┨          | $\vdash$    | 117        | $\vdash$         |   | +-  | Н        | $\rightarrow$ | +        | +       | -  |
| $\dashv$ | 18              | Н  |           | ┢        | ╁        | ╫         | +                         | ╁  | ╁          | H        | $\vdash$ | 68       | ╫               | +                       | Н               | $\dashv$     | $\dashv$ | +        | +       | ┨          | ├           | 118        | ┤╌┤              |   | ╁   | $\vdash$ | $\dashv$      | $\dashv$ | +       | ┥  |
| $\dashv$ | 19              | Н  |           | -        | ╁        | +-        | ╁                         | ╁╴ | $\vdash$   | H        | -        | 69       | ╁╫              | +                       | H               | $\dashv$     | $\dashv$ | +        | ╅       | ┨          |             | 119        | $\vdash$         | $\dashv$                                | ╁   | H        | $\dashv$      | $\dashv$ | +       | 1  |
| $\dashv$ | 20              | 喜  | _         | $\vdash$ | t        | $\dagger$ | +                         | T  | $\vdash$   | H        | $\vdash$ | 70       | <del>    </del> | +                       | $\vdash \vdash$ | $\dashv$     | $\dashv$ | $\dashv$ | +       | 1          | $\vdash$    | 120        | Н                |   | +-  | $\vdash$ | -             | 十        | +       | 1  |
| $\dashv$ | 21              |  | _         | T        | <b>†</b> | 1         | +                         | 1  | 1          | Н        |          | 71       | † <i>†</i>  †   | $\top$                  | H               | $\neg$       | 寸        | 十        | 十       | 1          | $\vdash$    | 121        | Ħ                | $\top$                                  | T   | П        | $\dashv$      | 十        | $\top$  | 1  |
|          | 22              | ř  |           |          | 1        | 1         | T                         | 1  | 1          | $\Box$   |          | 72       | H               | 1                       | П               | 寸            | $\dashv$ | 十        | 十       | 1          | <u> </u>    | 122        | П                | _                                       | T   | П        | $\Box$        | $\top$   | $\top$  | 1  |
| $\Box$   | 23              |  |           |          |          | L         |                           |    |            |          |          | 73       | Ш               |                         |                 |              |          |          | 1       | ]          |             | 123        |                  |   |     |          |               |          |         | ]  |
|          | 24              | 17   |           | 1        | 1        | i         |                           | i  | 1          | l I      | i T      | 74       | 115             | _ I _                   | 1 T             | T            | T        | - 1      | 1       | 1          | i _         | 124        | i T              | _ I _                                   | 1 - | 1 7      |               | 1        | - 1 -   | 1  |

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